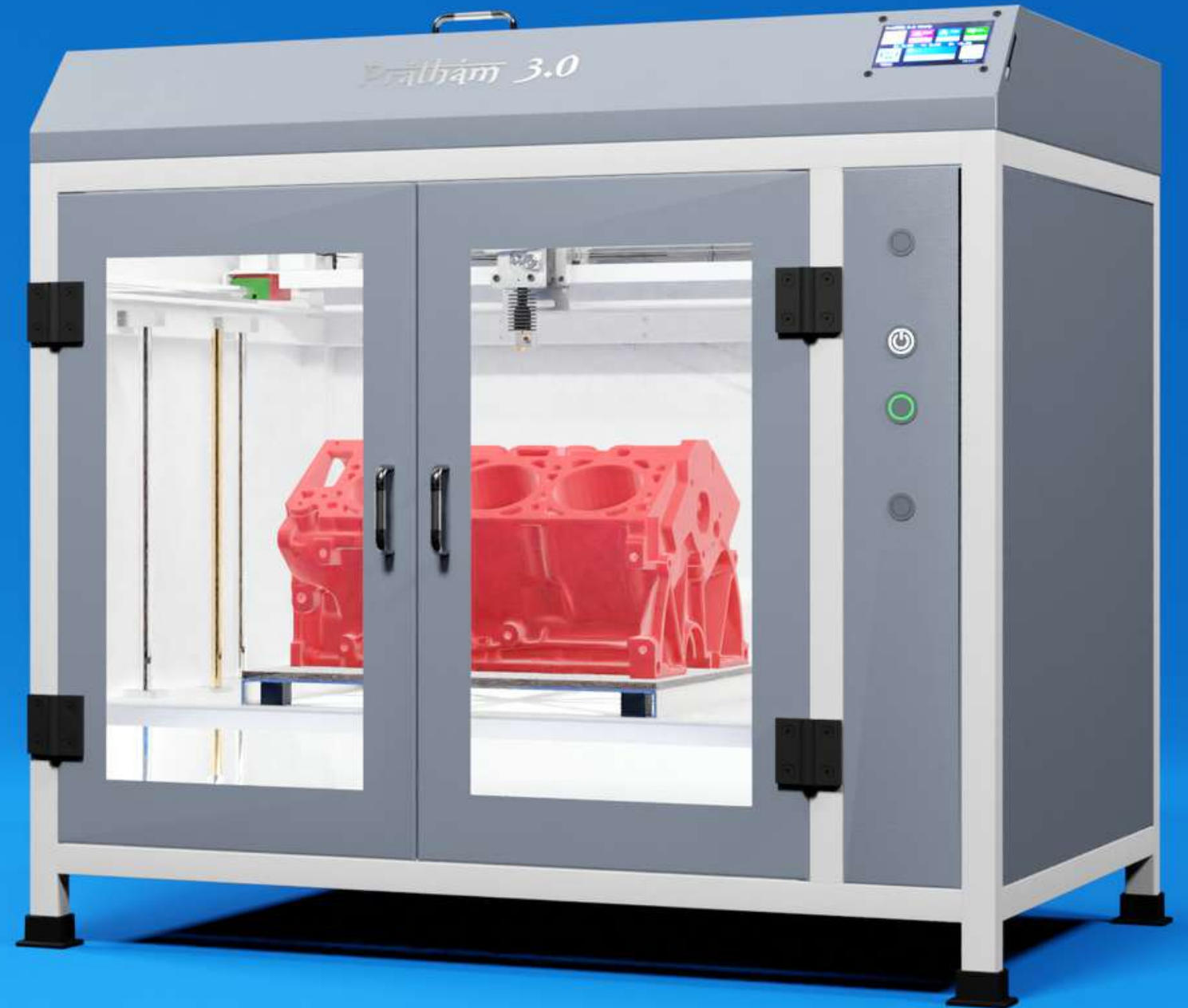**PRIDE3D**
3D PRINTING SALES & SERVICES

Pratham 3.0

300x300x300 mm

Bigger 3D Printer

Advanced Feature of Pratham 3.0

Silicone Heatbed
Fastest Bed Heating of all time now possible.

Filament Sensor
Save your print if filament finished during print

Power Failure Protection ⭐
Save your print against sudden power cut,

Auto resume Facility

Multi Material Support
Shape your imagination with vast material range.

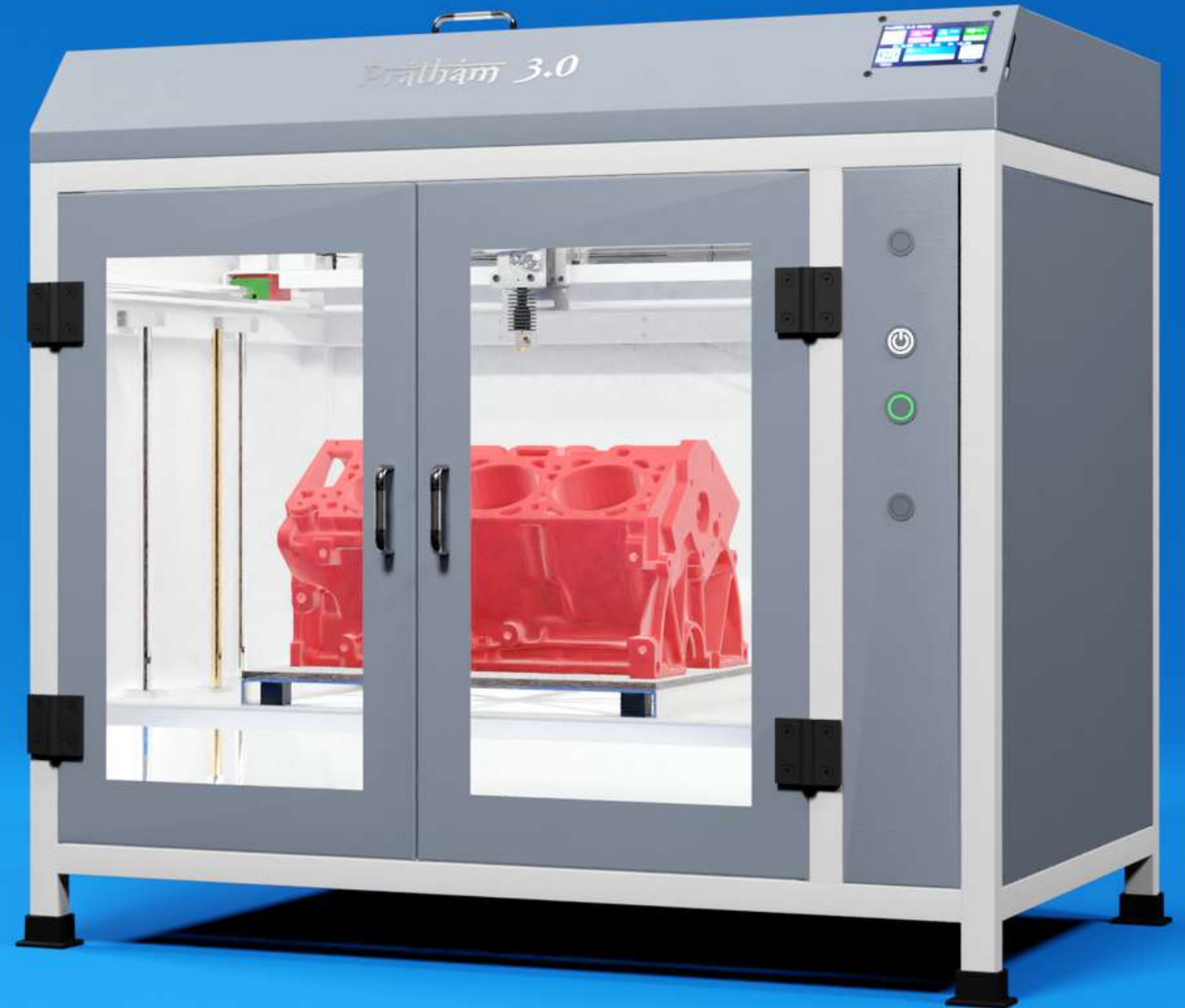PLA-ABS-PETG-TPU-PP-HIPS-Composites

Automatic Bed Level ⭐
No Hassel for manual bed level, Machine will do it.

Bigger Build Volume
3D Print anything upto 300x300x300 mm in size.

Closed Chamber with Carbon+Hepa Filter
Perfect print for high temperature material with

safety against toxic fumes.

Specification of Pratham 3.0

Print Technology	Fused Filament Fabrication
Build Volume	300mm x 300mm x300mm
Layer Resolution	0.08/0.1/0.2/0.3/0.4mm
Dimensional Tolerance	±0.1 mm
Print Speed	40-120 mm/sec
Extruder Temp	280 °C (single extruder)
Printbed Temp	120 °C
Nozzle Size	0.4 mm standard **(0.3/0.4/0.5/0.6/0.8 mm Changeable)**
Heatbed Build Platform	Yes (Aluminum Printbed)
Filament Diameter	1.75 mm
Filament Compatibility	ABS/PLA/Flexible TPU/PETG/Carbon Fused Composites/ASA/PP/HIPS
Operating Control	Touch Screen Control

Specification of Pratham 3.0

Software Bundle	Simplify3D License Software
Operating System	Windows/Mac
Supported File Formats	STL or GCODE
Connectivity	USB/SD CARD/Wi-Fi(optional as addon)
Power Requirements	230V, 50Hz, 320W
XY Gantry	Hiwin Linear Motion Guide
X-Y Precision	11 Microns
Z Precision	10 Microns
Body Hardware	All Metal MS Body
Printer Dimension	800L x 630W x 750H mm
Printer Weight	55 KG
Shipping Weight	75 KG (With Accessories Kit)